

AMENDMENTS TO THE SPECIFICATION

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

A system for production, storage and dispensation of hydrogen gas by metal hydride encapsulation, the system employing sealed cylinders filled with water and rotatable containers stored with encapsulated metal hydride shells, slider base members with passages and slider paths disposed at the bottom end of the cylinders, to receive the encapsulated metal hydride shells from the containers, baffles disposed both inside and outside periphery of the rotatable containers to rotate the containers that regulate and direct the flow of the encapsulated metal hydride shells on to the slider paths, movable hydraulic ramming members with integration sites and pistons disposed at the bottom end of the slider paths, to receive the encapsulated metal hydride shells and disintegrate the encapsulated metal hydride shells and disperse the broken shells into the cylinders filled with water, and a control panel disposed to regulate the flow rate and pressure of the generated hydrogen gas.